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## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

COUNTRY Hungary

REPORT

SUBJECT Chinoi Drug and Chemical Plant,  
National Enterprise in Budapest

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report, with sketch map,  
concerning the Chinoi Drug and Chemical Plant, National Enterprise  
in Budapest.

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1. Location: Budapest

2. Geographical location: Budapest-Uapest, To utca 1/3; in the immediate vicinity of the main national railroad workshop "Rakosi". The factory ~~are~~ is bounded by Virag utca on the east, Atheni utca on the south, Berlini ut on the west, and To Utca on the north. Main entrance to the factory is from To Utca.

3. Organization of the factory:

General management:  
Management office  
Personnel department  
Planning department  
Financial department

Trade department  
Department for labor affairs  
Plant committee (Betriebskommittee)

Correspondence department  
Bookkeeping department

Statistics department

Payroll department  
Plant committee

DISZ (Dolgozo Ifjak Szovetsege,  
Federation of Working Youth) office  
Party organization office

Administrative department  
Material procurement department

Technical department  
Material research department  
Experiments department  
Plant maintenance (carpenters,  
mechanics, assemblers, etc.)

General manager: Istvan Darvas

Personnel department: Isztvan Toth, HWP (Hungarian Workers Party)

Planning department: Dr Laszlo Hever

Payroll department: Kalman Csikos

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Plant

~~Factory~~ committee: President Imre Soos, HWP

Shipping : Dr Sandor Varga

Head of experimental laboratory: Dr Imre Halmos

Research department: Professor Foldes, doctor of chemistry

Research engineer: Dr Jozsef Gyimesy

DISZ secretary: Atilla Menyhart

Engineers: Dr Kalman Handel, Laszlo Hayer, Tibor Grof, Imre Karacsony, and Laszlo<sup>2</sup>  
Miskolcz

4. Production: In addition to its principal product, drugs, the plant also produces chemicals for the protection of plants, insecticides, and poison gas for use in warfare.
5. Raw Materials: The greater part of the raw materials are brought in from the Hungarian oil refineries, the United Drug Factory at Kobanya and from gas plants. The finer raw materials and other materials not produced in Hungary, come from all European countries.
6. Finished Products: Finished products are shipped out immediately, but are sent to state ~~nationwide~~ collection points first. From here, first the needs of the ~~needs~~ state & drug export company, Chemolimpex, are met; then the rest goes directly to the domestic market, hospitals, and state pharmacies.
7. List of the Chinoin plant's products:
- a) Amidosphen (Pyramidon): This is the only place in Hungary where this medicine is produced.
  - b) Aspirin
  - c) DDT, in powder and liquid form
  - d) Insulin
  - e) Hogival: A new ~~medicine~~ injection to induce abortion
  - f) Hemoglobin: produced here exclusively for Hungary
  - g) Papaverine: produced synthetically; production is so large that it could cover 50 percent of the world's need.
  - h) Penicillin: In addition, penicillin is produced at the Hajdusag Pharmaceutical Factory in Debrecen, which specializes in penicillin production.
  - i) Kalmopyrine
  - j) PAS
  - k) Phenolphthalein  
salicylate (salicyl)

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- m) Seval: This is the only place in Hungary where this is produced.
- n) Ultraseptyl: A sulfonamide preparation; this is the only place in Hungary where this is made.
- o) Vitamin B 1: produced here for all of Hungary
- p) Vitamin E (in oil form)
- q) Chemicals for the protection of plants
- r) Nitric acid: for the goldsmithing industry
- s) ~~Chloroacetone~~ <sup>Chloroacetophenone</sup> and phosgene: products from the plant's secret section
- t) ~~Chloramphenicol~~ <sup>for meningitis; produced here begun in 1956.</sup>
8. Number of Employees:

Officials, engineers, and laboratory workers	130
<u>Skilled</u>	
<del>Skilled</del> and semiskilled workers	1,500
Auxiliary workers	600
Auxiliary workers not employed in production (e.g., loading, transporting, packing, and warehouse personnel)	180

It is noteworthy that there is no friction between the workers and higher ranking employees, because there are ~~many~~ among the workers many intellectuals, such as former manufacturers and tradesmen, university students who have had to give up their studies, lawyers, professors, former military officers and civil servants.

#### 9. Power Source:

The plant does not have its own source of power, but draws from the Budapest (municipal) electric power works. A great deal of power is used, since each mixing and pressing machine has its own motor. All rooms and work areas are steam-heated.

#### 10. Security:

The plant is under the Ministry of Chemical Industry and Electric Power. The political police have one section, headed by an officer on detached service at the plant. Military control does not exist in the factory. Guard service is done by the factory police. They have post duty by day; at night there is additional watch by members of the factory fire brigade. As in almost all such Hungarian plants, each worker displays a "department insignia" which shows in which department he is employed. He is subject to severe penalty if he is found elsewhere than in his own department.

# 11. Railroad Connections:

A standard-gauge railroad line leads into the south side of the plant near the rear entrance on Atheni Utca. The cars are operated within the plant by diesel locomotives. Each building has its own loading ramp served by the railroad line.

# 12. Key to Sketch of Plant Site:

- 1) Basement; benzol and acetone are kept in submerged containers
- 2) Various warehouses
- ~~3)~~
- 1') New lower-like building (15 x 15 meters); purpose and use not known; there is a square projection on the roof.
- 3) Various warehouses
- 4) Various warehouses containing stored furniture, glassware, dismantled machines, etc.
- 5) Same as No 4
- <sup>a</sup>6) Ethyl chloride laboratory (25 x 10 x 5 meters)
- ~~7)~~
- 6b) Material warehouse (25 x 10 x 5 meters)
- 6c) Penicillin laboratory (25 x 15 x 10 meters)
- 7) Locker room
- 8) New building, penicillin laboratory
- 9) Fuel storage area
- <sup>a</sup>10) Transmission belt and machine oil warehouse (20 x 10 x 5 meters)
- 10b) Warehouse for glassware and packing materials (14 x 10 x 5 meters)
- 11) Party, union, dispatcher (Verteiler), and statistics offices
- 12) Insulin laboratory (25 x 15 x 5 meters)
- 13) Raw material warehouse X
- <sup>a</sup>14) Basic material laboratory for tear gas (chloroacetone)
- 14b) Glass-blowing shops
- 15) Ultraseptyl laboratory; this preparation is known as sulphonamide in other countries.
- 16) Vitamin D laboratory for manufacturing and preparation in tablet form
- <sup>a</sup>17) "Halmos" laboratory on the second floor; workshops on the first floor
- ~~18)~~
- 17b) "Foldes" laboratory on the second floor; workshops on the first floor

- 17c) Laboratory on the second floor; experimental area on ~~the~~ first floor 25X1
- 18) Packing area and packing material warehouse
- 19a) Packing area and analytic laboratory
- 19b) Production section on the first floor; laboratory on the second floor
- 20) Factory carpenter workshops
- 21a) Dining rooms
- 21b) Library
- 21c) Offices and telephone exchange for the plant
- 21d) Workshops and garage
- 22) Payroll offices
- 23) Center for ~~fixe~~ factory fire department and guards
- 24a) Kozert, grocery store
- 24b) Finished products warehouse
- 25) Guardhouse at plant entrance
- 26) "Witches' Kitchen": insignificant part of the operation; work is done at open fires
- 27) Raw material warehouse for the plant
- 28) Carboy (Ball~~on~~) cleaning room
- 29) Three 150-200 liter distillation installations
- 30a) Gas laboratory: distillation, fractionating, and manufacturing. Liquid antipyrine, chloroacetic acid, "Propiondaeisenydrid" [sic.--- propionic acid anhydride ?]
- 30b) Production laboratory
- 31a) Chloric acid plant: production of basic materials
- 31b) and 31c) Production of phenolphthalein and vitamin D
- 32) Plant for basic materials: three 250-liter apparatuses; one 300-liter <sup>SEPARATOR</sup> ~~mixer~~ (Ausmischer); one 150-liter apparatus; one 300-liter ~~apparatus~~ drying receptacle; one 211-liter drying receptacle
- 33) Experimental plant, called vitamin B room: one 25-liter enameled apparatus; two 250-liter enameled apparatuses; one 200-liter material <sup>SEPARATOR</sup> ~~mixer~~ (Materialausmischer) seven 25-liter distilling retorts. Produced here are: acetamidine, ~~cyanoacetamid~~ cyanacetamidine, B (beta) "Oxipropionsaeuriges Dydrid" [sic --- oxypropionic acid anhydride ?], and acetochloropropan<sup>e</sup>acetate. 25X1

34a) Small ~~production~~ section for preparing [materials]

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34b) and 34c) Secret plant: Agricultural insecticide powders and solutions, benzilcyanide, are the only products known by the public to be produced here. In reality, this is the only place in Hungary where the poison gases, phosgene and chloroacetone (tear gas), are manufactured for practice use by the Hungarian army. Phosphorous oxychloride is also produced here. Details not known.

35a) A small section belonging to the phenylhydrozite plant

35b) Raw materials and finished goods. Plant for the production of the drug, amidosphe (pyramidon).

36) New plant equipped with two driers and six 150-500 liter apparatuses. This section is called the phenylhydrozite plant.

37) Plant section; further details not known

38) Small section; further details not known

39) Plant for basic materials

a. Storage area for finished drugs and medicines

b. Medical service

40) Plant for basic materials

41) Same as above

42) Boiler house: steam is produced here for central heating and for drying apparatuses.

43) Plant for basic materials

43a) Raw ~~materials~~ <sup>salicylate</sup> (Salizil) room; equipped with three 500-liter duplicators and mixing vats

43b) Offices

43c) The basic materials for Hogival are produced here, as well as the disinfectant ~~xx~~ DDT in powder and liquid form; equipped with four distillers, each with a capacity of 400 ~~liter~~ liters, and four small mixing apparatuses.

44a) Manufacture of basic materials

44b) Hogival and several plants. In this plant there are three 200-liter apparatuses, three apparatuses with enameled receptacles, each of which holds 300 liters, and two ~~separating~~ <sup>separating</sup> vats (Ausmischungswannen), each of which holds 500 liters. 25X1



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- 45) Garage for the factory fire department
- 46) Plant for basic materials: five 200-600 liter mixing apparatuses, two 150-liter porcelain mixing apparatuses, one 150-liter separator, and one 300-liter porcelain separator.
- 47) Salicylate (Salicil) sublimation room; equipped with four sublimation vessels
- 48) Management building with second floor (40 x 8 x 7 meters)
- 48a) Office of the general manager, conference room, personnel department, department for labor matters, and plant management offices
- 48b) Dental clinic
- 49) The oldest building at the plant, around which the present factory complex has developed. The building is divided as follows:
  - 49a) Small installation for the production of basic materials. The installation consists solely of alembics, heating apparatuses, and mixing vats.
  - 49b) Small plant laboratory for mixing basic chemicals; no experimental work
  - 49c) So-called gas room. Distillation of basic materials is done here. There are two 300-liter enameled mixing installations and an apparatus for drawing off gas.

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2) CHINESE MEASUREMENTS 25X1

